

the CARRIER



the MOUNT DIABLO AMATEUR RADIO CLUB

VOLUME XXXVII - ISSUE 7 - JULY 1989

PRESIDENT VICKI'S REFLECTIONS ON

FIELD DAY 1989

I can't begin to tell you all what a fantastic FIELD DAY the MDARC had this year! My special thanks go to LAUREN, WA6CIE for putting yet another great Field Day together. He gathered equipment, got it all set up, made sure we could still use the Park even though it had been closed the day before, and in general took care of everything! (At one point on Saturday afternoon I was looking for him. I had looked everywhere I thought, and he was no where to be found. I found him sound asleep in his van getting some much needed rest for the evening to come! I didn't wake him!)

I want to say I'm so sorry to see DON, W6EEN moving to Riverside County (Palm Springs area). The club will be losing a devoted member and one who is very knowledgeable about amateur radio. DON very kindly bestowed upon me a treasure I will fondly wear. It is one of the 1980 Field Day shirts and he dated and signed it. He said I had earned it and I will enjoy thinking of the memories I treasure to have earned that bright yellow shirt! Thanks, DON, for your kindness. The 80 foot portable tower that DON brought up was a beautiful

sight to behold. It carried a full size six element 20 meter beam with a 32 foot boom. It looked highly impressive! To quote DON, W6EEN "this is the most high tech field day I've seen", and that it was.

Thanks to LEW, N6VV who setup six packet stations. That included six PC's, six TNC's and six radios! What a sight. LEW not only took care of our packet site but, when we needed the points, he moved over to the 20 meter station and operated CW well into the night. I looked in on him and couldn't believe the blur of CW sound I heard coming out of that radio and key! What a contester.

Our RRRG chairman RICK, WB6EZI worked so hard at his 2 meter and 450 station. I don't think he ever got any relief. Everytime I saw him he had ear phones in his ears and when he didn't he was nagging everyone to come take over!

Our faithful FRED, N6PWT and DON, W6BXE came prepared with everything I enjoy operating with, namely a foot switch and a good set of head phones with a boom mike. Couple that with a great couple who encourage people to come operate their station and you have a great team. I enjoyed having hot

chocolate with them around midnight on Saturday night, and it was the coldest night I remember up there in a long time! I thought we were all going to freeze.

My thanks go to MIKE, N6GOZ for setting up the cellular telephone systems for the HAMS use. I was very surprised to receive a telephone call up on the hill mid Saturday afternoon! (I can't go anywhere without a telephone!!)

I had a great time with the ATV crew. Thanks to MARC, KB6FEJ and GUY, N6DTU for all their hard work. They were even good sports when I asked them to abandon their posts and go work in the 15 meter station with a new HAM. (Of course they may have felt slightly coerced into it since I had caught them in the van smoking their cigars!)

DWAYNE, N6SPX had what I think was the coldest area of the lot. He had set up the 220 station and was just above the Navy towers. Not much of a wind break there and boy was it windy! Thanks for putting up with not the best of conditions DWAYNE, not to mention he forgot his get going morning coffee too. Now that is a hardship!

I have to admit JOHN, N6SJT came prepared. He had affixed to his car antenna a sign that said '40 meter station'. JOHN and his crew worked hard and braved the cold weather late into the evening. I must say he asked me repeatedly to operate, but it always seemed to be CW!! Needless to say I declined, CW not being my forte!

KEITH, N6PMF took care of 1200 meg voice and I always enjoyed seeing the kids that seemed to gravitate to his station. He had a nice set up in his van and it seemed to be warm in there too.

GLENN, KJ6EN made a few 6 meter contacts with the 3 watt portable radio he purchased at our last club auction.

I want to thank ALL those who came and helped set up, operated,

and helped take down. I can't begin to thank everyone here, but know you are in my special thoughts. When I came home I began to think who had come up and I counted right around 60 people! I have never seen such a great field day.

I also want to thank those Club members and non-club members who gave us those all important contacts on the air!

Thanks again to all participated for yet another MDARC Field Day well done!

73, Vicki, N6KLS

FIELD DAY FRINGE BENEFIT

A conducted tour of the building on Mount Diablo that houses 100+ commercial and amateur repeaters was given by MIKE BURKE, KB6RMT and KEITH LATTIN, N6PMF.

Mike and Keith are employees of Mobile Radio Engineers, (a Motorola Service Station), both of whom "just happened to be on Mount Diablo on Field Day with their service trucks"

They opened the building that houses the repeaters and conducted tours through the seven rooms for our Club members. Keith conducted the 1st tour, and Mike the 2nd and 3rd. The tours were interesting and informative, and many questions were asked of the tour guides. Each tour lasted about 20/25 minutes.

There were many compliments for Mike and Keith, and there is now hope there can be additional tours in the future for interested Club members. (If you're interested, tell Mike or Keith). They also have video tapes of the installation which we may be able to see at a General Club meeting. A showing at an RRRG meeting soon is planned.

Nothing can replace the modern swim suit..and it practically has !

PICNIC & POTLUCK

**MOUNT DIABLO AMATEUR RADIO CLUB
42nd ANNIVERSARY PICNIC & POTLUCK
FOR THE WHOLE FAMILY**

DATE: Sunday July 23, 1989
TIME: 10:00 a.m. to 5:30 p.m.
PLACE: Lafayette Reservoir
COST: \$3.00 per car to enter park

PARK RULES: Open 6:00am to 9:00pm
No generators, fireworks, open fires. Wine and beer allowed - bring your own. Fishing requires a state license. Boat rentals are \$4.50 per hour. Hiking and cycling (bring your own cycles).

HIGHLIGHTS OF PICNIC: games, transmitter hunts, door prizes, soda pop, watermelon. In place of a GRAND Prize there will be 3 or more SUR-prizes (requested by MDARC's Board of Directors).

TALK-IN FREQUENCIES:
9AM to 1PM 147.06+ 223.74-

YOU BRING:

1. Briquets for your barbecue
2. One share dish for 12 people (main dish, salad, dessert). PLEASE put your name on the bottom of your dish.
3. Plates, table service, lawn chairs, sweaters, sun shades.
4. Meat, buns, fixings, etc.

PRE REGISTRATION: Before Wednesday July 12, 1989. There will be pre-registration door prizes. No door prizes for late or non-registration.

.....
SEND BY JULY 12, 1989 TO: GEORGE L. ROUSH WB6OFH (415) 687-0912
2116 ATHENE DRIVE
CONCORD, CA 94520

THE GAMES

Sport Fans: You bring softball, foot-ball, frisbee, etc. If enough present, tug of war, 3 legged races, eggs on spoons, egg toss, water balloons, bubble blowing, watermelon eating contest, etc.

Non-sport fans: You bring your favorite game: checkers, chess, card games, trivial pursuit, etc.

Practice with your RDF equipment in the meadow with fellow Hams.

12:00: LUNCH. Watermelon will be provided by MDARC.

2:30pm (approx) drawing for door prizes. Must be present to win.
2 pre registration prizes
4 'little kid' prizes 0 to 7 yrs.
2 non-Ham prizes
2 Ham prizes-MDARC members only.
GRAND prizes are SUR-prizes.
(MDARC members only)

2:40 to 3:00 judging and prizes of RDF equipment for transmitter-hunt.

3:00 to 3:45 transmitter hunt on foot. Clues in voice only on 2m simplex, frequency to be given.

3:45 to 5:30 more games, sports, another transmitter hunt, food, drinks - it's up to you !

5:30 THAT'S ALL FOLKS.
THANKS FOR COMING.

73's.... from George KB6OFH
and Bertha XYL

Name _____ Call _____
Address _____ City _____ Zip _____
Phone () _____ # adults # children total

If you pre-register and can't attend, please telephone George and cancel. Thanks.

VOLUNTEERS NEEDED !!

By Derek Brown, N6CUK, MDARC EC

Three local schools have expressed enthusiastic interest in setting up emergency communications facilities using Ham equipment. The school district plans now call for dispatching of the radio-equipped school buses to the various schools in event of a disaster. However, a major disaster would essentially eliminate this possibility; hence the desire for volunteers to provide the communications.

The three schools are SEQUOIA ELEMENTARY, 277 Boyd Road, Pleasant Hill, BANCROFT ELEMENTARY, 2200 Parish Drive, Walnut Creek, and VALLEY VIEW MIDDLE SCHOOL, 181 Viking Drive, Pleasant Hill.

Although specific details are not yet available, it is expected that volunteers would initially provide guidelines on equipment to be installed, followed by being available to respond to the school in event of an emergency. It is hoped that funds could be raised through the individual schools so that permanent equipment could be purchased and installed, thereby not having to rely on the individual volunteer equipment.

If you are near any of these schools during the day on a regular basis (i.e. work nearby or are retired and living in the area) and would like to help in setting up the communications facility and/or operating it in event of an emergency, please contact Derek Brown at 672-2055.

* concerning other emergencies *

IT WAS 25 YEARS AGO THIS MONTH that Amateur Radio Operators rose to the challenge and provided essential emergency communications during the EARTHQUAKE DISASTER that struck Anchorage and other Alaska points.

PACKET's

WA4ONG's REQQTH UPDATE

Thanks to Buckmaster Publishing's new HAM CD, the WA4ONG REQQTH server now has ALL calls current as of February 1989 and includes club calls.

The format for requests is:

SP REQQTH @ WA4ONG

Enter message title:

call,call,call (@myhomebbs)

Enter message text:

~Z

(Message-ID 64581 @ N6VV 26 Jun 89)

If you have a Technician Class License dated prior to 3/21/87 you still need only to pass Element 1B (13 WPM Morse Code) to upgrade to General class license. You automatically receive credit for Element 3B

The FCC has announced it will not initiate a SPECIAL CALL-SIGN SYSTEM in the Amateur Radio Service.

"After careful consideration it was concluded . . . it is not in the public interest". (QST)

DINOSAUR HUNTING LICENSE AVAILABLE

The Boarderline ARC in Vernal, Utah, will operate member stations from 1500Z July 8 to 0500Z July 9 to celebrate the Dinosaur Roundup Rodeo. - Suggested frequencies are the General phone portions of 40, 20 and 15, and the Novice parts on 10.

Send a QSL and Sase for a DINOSAUR HUNTING LICENSE to:

WX7L

1040 South 2000 East
Vernal, Utah 84078

THE

GILROY GARLIC FESTIVAL

will operate from 1600-2300z on July 28-30, on 3.875, 7.275, 14.250, 21.350. For a certificate or QSL send a #10 SASE to Don Brice, W6ONO, 1378 Gloria, Hollister, CA 95023.

MDARC's CHAIRPERSONS
First of a Series

WHO AND WHAT IT TAKES
TO PUT THE MONTHLY NEWSLETTER
IN YOUR MAILBOX.

The PUBLICATIONS and CIRCULATION Chairman receives the editor's prepared 10-pages of text each month and takes it to a printer where 300 plus copies of the newsletter is printed, collated and stapled. At his home, they are folded and stapled again for mailing. Address labels, (printed from his computer membership data) and postage stamps are attached to each newsletter and then delivered to the Post Office for mailing.

In addition to each Club member receiving a copy every month, 9 copies are sent to various agencies, officials and firms. Another 12 copies are exchanged with other amateur radio clubs and publications (e.g. ARRL). A complimentary copy is sent to Club meeting visitors, inquiring and recently licensed Hams, and anyone attending our Ham classes. Copies are also sent to the Base Station and the Ham Radio Outlet where they are available to any one.

* * * *

DO YOU KNOW WHO HE IS ??

The Editor's recent questionnaire given to the membership at a recent general meeting showed a lot of our members don't know this chairman.

in addition to that

he is also the
MEMBERSHIP CHAIRMAN

who created and maintains the Club computer data base from which is generated the lists and categories of members, their capabilities and interests. Profiles of the Club are extracted from the database for the Board of Directors, some of which appear in the newsletter.

He designs the Membership Cards which are printed, completed and delivered to members. Membership Certificates are also available. He uses Membership applications and forms to register all NEW members to whom he also gives a copy of the Club By-Laws.

He empties the Club P.O.Box in Pleasant Hill weekly and answers all mail as necessary, and telephone inquiries about Club membership.

He sends Club Publicity Sheets and Membership Forms to the Base Station for distribution and brings them to all general Club meetings.

In December, he sends Membership Renewal Notices to all members, and in January, reminders to those who do not reply. From these replies he prepares and publishes the.....

* ANNUAL MEMBERSHIP DIRECTORY *

He prepares the Monthly Directory Updates for the Newsletter.

All dues received are sent to the Club Treasurer.

* * *

The name of the Club member, who is responsible for all of the above, appears unobtrusively in the Newsletter on the "Officers and Nets" page, column 1, in a 4-line box

1" x 3 1/2" after the caption:
MEMBERSHIP-PUBLICATION-CIRCULATION

* * *

Give him a special thanks when you see him at the next Club meeting. You'll find him in the back of the meeting room (close to the coffee and donuts) wearing his

RACES/ARES IDENTIFICATION BADGE

GEORGE JONES KI6YK
EMERGENCY COORDINATOR
SOUTH C.C.COUNTY

George was the recipient of the Club's KILROY KEY AWARD in 1987, presented to the Mt.Diablo A.R.C. member voted the most outstanding contributor toward the betterment of Ham radio during the year'.

George also received the Club's 'HAM OF THE YEAR' award in 1988.

SPEAKER FOR JULY CLUB MEETING !!

By Dick Brown, KT6X, V.P.

The speaker for July is DAN TIKALSKY, Civilian PUBLIC AFFAIRS OFFICER for the NAVAL WEAPONS STATION. Dan will talk about the Naval Weapons Depot and what goes on there.

He will also talk about the Navy if anyone is interested and has questions.

There will be plenty of time for questions.

MDARC MEMBERSHIP DIRECTORY UPDATE
by George Jones, KI6YK

We welcome the following new members who have joined in the past month:

CRADDOCK, Alan H.; WB6DXZ, General;
3432 Rubin Dr., Oakland, CA
94602 (415)-530-3911(h)

FLETCHER, Dick; WA9UKA, Advanced;
2126 Fox Way, Concord, CA
94518-2902; (415)-825-3322(h),
(415)-224-2338(w)

... and a previous member who has rejoined MDARC:

LASS, Don; N6OTY, Technician; 925
Hawthorne Dr., Walnut Creek, CA
94596 (415)-934-8045(h)

Congratulations to the following on his upgrade and new call:

TULLER, Richard: N6VHV, Technician

Keep up the good work of letting the membership chairman know of your upgrade, new call, address or phone number change. The Club P.O. box is the place to send them.

VISITOR AT LAST MEETING

The Club extends a warm welcome to our visitor at the general meeting on June 16th:

Robert H. Pulsifer
3195 Rohrer Drive
Lafayette, Ca 94549

NOMINATING COMMITTEE MEMBERS NEEDED

President Vicki is anticipating the selection, nomination and election of Club Officers for 1990.

She is requesting help from the membership, specifically, anyone interested in being a member of the NOMINATING COMMITTEE to help select candidates for MDARC Club Offices for the new year.

A prerequisite might be anyone in the Club who knows several Club members and their abilities and interests.As easy as that!....

If you have any questions, or would like to talk with her about your interests or concerns in this matter, PLEASE call her at home 458-4527 or on her morning or evening commute on 147.735

PLEASE WEAR YOUR NAME BADGES WHEN YOU ATTEND MONTHLY CLUB MEETINGS.

IT HELPS THE CLUB OFFICERS GET BETTER ACQUAINTED WITH YOU, AND MEET AND GREET VISITORS WHO WON'T BE WEARING OUR BADGES.

If you don't have a Club name badge and would like one, order it from the Club Treasurer, Dick Schulze, AA6DL, who usually stands in back of the meeting room, never too far from the donuts and coffee !!

THANKS FROM
FIELD DAY CHAIRMAN
LAUREN STYLES, WA6CIE

Lauren thanks everyone who helped, in any way, to make Field Day what it was, a happy combination of competitive technology and socialization of Club members.

Lauren will have a complete report on the activities and results of the day in the next issue of this newsletter.

Lauren will also be 'featured' in the next issue of this newsletter.

MDARC CLUB MEETING MINUTES
16 June 1989

Pres. Vicki called the meeting to order, and introduced upgrades and guests.

Minutes were accepted as published in the Carrier.

Treasurer Schulze reported \$7650.37 total savings and checking.

Auction Chairman Paul N6PAC sold \$313.00 worth of boat anchor tubes held over from past auctions, plus some of his own tubes.

Membership is now 305.

Grand prize for the raffle was an expensive Icom clock, won by Coordinator Derek Brown.

Vicki showed the club banner which she had ordered.

Rocky Ridge Repeater Group next meeting 19 July 1989 at 8:00 p.m. address: 1026 Mohr Lane, Concord, they have three repeaters on Mt. Diablo and packet.

We had six fantastic speakers, Dick KT6X, Don W6BXE, Rick WB6EZI, Lauren WA6CIE, Vicki N6KLS, and Lew N6VV, they spoke on what to do and not do for field day. Dick gave a hand out so you would not forget what to take for field day.

If you enjoy the coffee, donuts and prizes take the time to thank Liz and Lauren Styles, also George Roush, we are fortunate to have them do this.... They also clean up.....

Respectfully submitted,
Jane Walker, N6NVA
MDARC Secretary

MDARC BOARD MEETING MINUTES
27 JUNE 1989

BOARD MEMBERS PRESENT:

President	Vicki Zumwalt	N6KLS
Secretary	Jane Walker	N6NVA
Treasurer	Dick Schulz	AA6DL
Emer. Coor.	Derek Brown	N6CUK

BOARD MEMBERS ABSENT;

Vice Pres.	Dick Brown	KT6X
Board Member	Jay Caldis	KT6Y
Board Member	Jim House	KA6IVF

COMMITTEE CHAIRMEN PRESENT;

Carrier Ed.	S. Christian	WU6P
Auction/Publ.	Paul Jones	N6PAC

Pres. Vicki called the meeting to order, and the last Board meeting minutes were approved.

Treasurer Dick gave a financial report of \$7751.18.

We had a unanimous vote to give Picnic Chairman, George Roush, \$75 for soda, watermelon etc. for the July picnic.

Next Board meeting 25 July 1989 7:30 pm Jay Caldis home.

The Auction was discussed in great detail, no third auction at this time. Next auction is 20 October '89.

An award paper will be handed out at several meetings for you to nominate your choice for awards. Or you can call or see me anytime you feel someone should receive any type of award, including comical ones.

A motion was made, seconded, and approved we use \$100 for picnic prizes.

Respectfully submitted,
Jane Walker N6NVA
MDARC Secretary

THE ROCKY RIDGE REPEATER GROUP meets the 3rd Wednesday of the odd numbered months at the Willow Creek Center, 1026 Mohr Lane, Concord. Next Meeting July 19, 1989 8:00 PM INTERESTED PERSONS ARE WELCOME

REPEATER CONTROL OPERATORS ARE:

Rick Barber,	WB6EZI	754-1610
or (work) 835-3000 ext 239		
Keith Lattin,	N6PMF	427-1651
Jay Caldis,	KT6Y	939-1893
Paul Parker,	WB6DHH	933-9940
Don Ledwith,	K7SDF	372-7296
Don Peattie,	WB6TEE	935-2636

Call one of the above for any repeater questions or problems.

=====

Yak and Yill are two Yaks
in the Bismarck, N.D. Zoo.

=====

CLUB OFFICERS

PRESIDENT
VICKI ZUMWALT N6KLS 458-4527
VICE PRESIDENT
DICK BROWN KT6X 676-9048
SECRETARY
JANE WALKER N6NVA 458-3164
TREASURER
DICK SCHULZE AA6DL 935-5000
EMERGENCY COORDINATOR
DEREK BROWN N6CUK 672-2055
BOARD MEMBERS
JAY CALDIS KT6Y 939-1893
JIM HOUSE KA6IVF 372-0345

'the CARRIER' NEWSLETTER EDITOR
STAN CHRISTIAN WU6P
5450 CONCORD BLVD. #C4
CONCORD, CA 94521 672-0330

CONTRIBUTIONS TO 'the CARRIER'
(1) BY MAIL OR TELEPHONE
(2) N6VV BBS 144.99 MHz

Deadline for Contributions:
LAST DAY OF THE MONTH

MEMBERSHIP-PUBLICATION-CIRCULATION
DR. GEORGE JONES, KI6YK, CHAIRMAN
325 GLEN ARMS DRIVE
DANVILLE, CA 94526 837-9316

AUCTION AND PUBLICITY
PAUL JONES, N6PAC, CHAIRMAN
687-1265

MEETING PLACE OF THE
MOUNT DIABLO AMATEUR RADIO CLUB

GRACE PRESBYTERIAN CHURCH
2100 TICE VALLEY BOULEVARD
WALNUT CREEK

NEXT MEETING-FRIDAY JULY 21 8PM

VISITORS ALWAYS WELCOME
Please introduce yourself !!

CLUB REPEATERS

147.06/+ 223.74/- 441.325/+R
(100 Hz) (77 Hz) (100 Hz)

NETS: RACES, CLUB, ATV, HF

RACES/ARES NETS

EVERY THURSDAY . . . 1900 HOURS
*CENTRAL C.C.COUNTY 145.680/S
JAMES HOUSE, KA6IVF, E.C.
372-0345
*EAST C.C.COUNTY 146.540/S
WM. VAN VOORHIS, WA6ZFZ, E.C.
754-1214
*SOUTH C.C.COUNTY 146.355/+R
DR. GEORGE JONES, KI6YK, E.C.
837-9316
*WEST C.C.COUNTY 145.110/-R
RACHEL LEWELLEN, KB6LHR, E.C.
233-5034

*QSY TO 147.735/-R AT 1920 HOURS
MEETING OF ALL RACES/ARES NETS

MT. DIABLO A. R. C. NET

THURSDAYS 1930 HOURS 147.06/+R
JAY CALDIS KT6Y NET CONTROL
ATV NET FOLLOWS AT 2000 HOURS
MIKE SCOTT N7GOZ NET CONTROL
DON SMITH W6NKF ALTERNATE

CONTRA COSTA COUNTY EMERGENCY RADIO SERVICES H.F. NET

1st THURSDAY FOLLOWING THE 1st
WEDNESDAY 2000 HOURS 3895 KHz
HANK BERRYMAN, W6ZHY, AEC

SHERIFF'S RESERVE GROUP

FOR ALL INFORMATION CONTACT:
VICKI ZUMWALT N6KLS COORDINATOR
FREDA LUCIDO N6PWT
SHIRLEY McGLATHERY N6QHF

OTHER CONTRA COSTA COUNTY NETS

CONTRA COSTA REPEATER ASSN.
MONDAYS 7:35PM 147.735/-R

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5 miles south on 101 from SFO

OAKLAND, CA 94606
2210 Livingston St., (415) 534-5757
Rich, Mgr. WA9WYB
IS-880 at 23rd Ave. Ramp

ANAHEIM, CA
(714) 763-3033. (213) 860-2040
ATLANTA, GA
(404) 263-0700
PHOENIX, AZ
(602) 242-3515
SALEM, NH
1-800-444-0047

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THE BASE STATION

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FOR AMATEUR RADIO NEEDS

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ARRL	LARSEN	CONNECTORS
AMECO	MFJ	FERRITE RODS
B & W	NYE	HAM PUBLICATIONS
BEARCAT	REGENCY	2 MTR AMPLIFIERS
BENCHER	WELZ	METERS
BUTTERNUT	YAESU	SPEAKERS

1839 EAST STREET (across from Sallier's)
CONCORD, CA 94520 (415) 685-7388

A SWITCH BOX FOR VOICE OR PACKET RADIO

DT-

July 1989

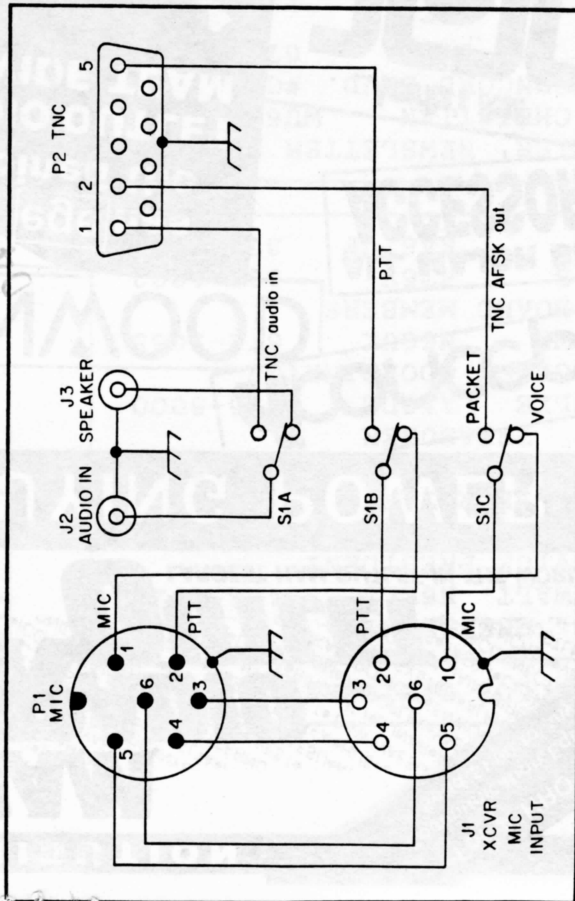


Fig 2—Robert Dingle built this circuit to allow easy switching between voice and packet-radio operation with his VHF transceiver. J1 and P1 complement the mic connectors used on the transceiver; your installation may require connectors of a different type, and pin-number assignments may differ from those shown here. Any microphone-connector lines not affected by packet/voice switch (pins 3, 4 and 6 in this case) should be carried from J1 to P1 to preserve the functions they support. S1 can be a slide or rotary switch. The connector types used at J2, J3 and P2, and the pin assignment at P2, are uncritical and can vary with the connectors available.



"The CARRIER"
A Newsletter from the
MOUNT DIABLO AMATEUR RADIO CLUB
P.O. Box 23222
Pleasant Hill, California 94523

FIRST CLASS MAIL

